



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Russell et al.
 Serial No. : 09/043,665
 Filed : October 5, 1998
 Title : MATERIALS AND METHODS RELATING TO THE TRANSFER OF
 NUCLEIC ACID INTO QUIESCENT CELLS

Commissioner for Patents
 Washington, D.C. 20231

Art Unit : 1632
 Examiner : R. Shukla

RESPONSE

In response to the action mailed December 2, 2002, please amend the application as follows:

In the claims:

Please amend claims 1, 4-6, and 8 as follows:

--1. (Amended) A method of transforming a quiescent cell with a nucleic acid encoding a polypeptide, the method comprising:
 exposing said quiescent cell in vitro to a retroviral packaging cell, said retroviral packaging cell comprising a retroviral vector and an exogenous nucleic acid encoding a growth factor, wherein said growth factor is displayed on the surface of said retroviral packaging cell, wherein said retroviral vector comprises said nucleic acid encoding said polypeptide, and wherein said growth factor displayed on the surface of said retroviral packaging cell induces said quiescent cell to divide, so that the nucleic acid encoding said polypeptide can incorporate into the genome of said quiescent cell.

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